

**MINUTES OF PUBLIC MEETING OF THE
ARIZONA GEOGRAPHIC INFORMATION COUNCIL
MEETING HELD AUGUST 1, 2019**

A public meeting of the Arizona Geographic Information Council was convened at 10:14 AM at Maricopa Association of Governments, 302 North 1st Ave, Phoenix, AZ 85007 in the Chaparral room. Present at the meeting were the following members or designees of the Arizona Geographic Information Council:

Table 1: Officers

Council Member	Agency/Company	In Attendance
Gene Trobia, Chair	AZ State University	Yes, In-Person
Steve Whitney, Vice-Chair	Pima County ITD GIS	Yes, In-Person
James Meyer, Past Chair	AZ Department of Transportation	Yes, In-Person
Lucas Murray, Treasurer	AZ Dept of Economic Security	Yes, In-Person
Shea Lemar, Secretary	AZ State University	Yes, In-Person

Table 2: AGIC Council Members

Council Member	Agency/Company	In Attendance
Jack Avis	Pima County	Yes, Phone
Christian Black	US Air Force	Yes, Phone
Kevin Blake	Yavapai County	Yes, In-Person
Glen Buettner	AZ Dept of Water Resources	Yes, Phone
Mark Christiano	US Forest Service	Yes, Phone
Jay Corum	US Bureau of Reclamation	Yes, Phone
Debby Crouse	AZ Dept of Environmental Quality	Yes, Phone
Michael Dennis	NOAA – National Geodetic Survey	Yes, Phone
Nicole Eiden	AZ Dept of Health	Yes, In-Person
Eric Feldman	Maricopa County	No, with Notice
Michael Hilstrom	AZ Dept of Administration	No, with Notice
Jason Howard	Maricopa Assoc. of Governments	Yes, In-Person
Jim Jarvis	City of Phoenix	Yes, Phone
Wesley Kortuem	AZ Dept of Health	Yes, In-Person
Keith Larson	US Dept of Agriculture	No, with Notice
Jenna Leveille	AZ State Land Dept	Yes, In-Person
Christopher Lukinbeal	University of Arizona	Yes, Phone
Ryan McClain	AZ Dept of Public Safety	Yes, In-Person
Phil Ponce	Engineering Mapping Solutions	No, with Notice
Dana Robinson	Bureau of Land Management	Yes, Phone

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Council Member	Agency/Company	In Attendance
Eric Shreve	AZ Dept of Emgy & Military Affairs	Yes, In-Person
Susan Smith	AZ Dept of Forestry & Fire Mgmt	Yes, Phone
Leslie Stovall	Gila River Indian Community	Yes, In-Person

Table 3: Public At-Large

Name	Agency/Company	In Attendance
Brian Bond	Yavapai County	Phone
Sage Donaldson	AZ Dept of Transportation	In-Person
Drew Decker	USGS	Phone
Sandra Dyre	Michael Baker International	Phone
Brian Fisher	Central Arizona Project	Phone
Jeremy Johnson	Matrix New World	In-Person
Ryan Johnson	AZ State Land Department	In-Person
Phil Leveille	MilGeospatial	In-Person
Sara Yucupisio	Gila River Indian Community	In-Person

I. Call to Order:

Meeting was called to order at 10:14 am; the list of attending members was reviewed to ensure a quorum was established.

II. Welcome New Council Member:

Gene Trobia welcomed Jay Corum, a new board member representing US Bureau of Reclamation.

III. Approval of Minutes:

A motion to approve the August 2019 meeting minutes made by Kevin Blake and seconded by James Meyer. Sue Smith said the note on pages 3-4 of the minutes, about DEMA going from little GIS to a dashboard was incorrect. She had started their GIS program 9 years ago. We are not able to change the minutes as they are required to list what was said during the meeting. However, Sue's correction will be recorded in these minutes for the record. There was a vote to approve the minutes, which passed with one abstention.

IV. Budget Update

Lucas Murray reviewed the budget noting that the budget is what has been provided by Arizona State Land Department (see addendum to minutes for copy

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of budget). Motion to approve the budget was made by Steve Whitney and seconded by Nicole Eiden. Motion approved unanimously.

V. AGIC Officer Elections

Gene Trobia stated that there was one nominee for the Vice-Chair position, which was Shea Lemar. Shea spoke about why she would like the position and what she has to offer. Lucas Murray motioned to nominate Shea Lemar as the Vice-Chair elect and James Meyer seconded the motion. A vote was called and passed with one abstention. With Shea moving to Vice-Chair the Secretary position will be vacant. Phil Leveille has volunteered to fill the Secretary position. Phil stated that he appreciates the opportunity and looks forward to working with all the groups. Gene opened the floor to other volunteers and there were none. James Meyer motioned that Phil Leveille be the new Secretary and Kevin Blake seconded. The motion passed unanimously.

VI. Achievement Recognition

Gene Trobia reported that Michael Dennis recently received a PhD in Geomatics Engineering and GIS from Oregon State, Jenna Leveille was elected to NSGIC Board of Directors, and Steve Whitney received the AGIC Chairperson's volunteer of the year award at the AGIC Conference.

VII. NSGIC and AGIC Debrief

- a. **NSGIC** - Steve Whitney gave a report concerning the NSGIC Conference that occurred in September. There were 165 attendees, including Gene Trobia, Jenna Leveille, Jim Meyer, Bo Guo, and Steve Whitney from Arizona. A good number of the attendees are sponsors who give presentations in lieu of booths. Jack Dangermond was the keynote speaker and focused on "See what others can't" and "System of systems" and investing in people who understand Artificial Intelligence/Machine Learning. There were several NG911 presentations as this was one of the primary topics throughout the conference. NSGIC initiatives include developing leadership from within, geo-enabled elections, and NG911.
- b. **AGIC** - Steve Whitney gave a report concerning the AGIC Conference that occurred in October. Highlights include:
 - i. 321 total attendees over 4 days of the conference
 - ii. 7 technical sessions, 51 presentations, 15 hands-on workshops, and 35 lightning talks
 - iii. 24 exhibitors, and multiple non-exhibitor sponsors, which included student scholarship sponsors for the first time

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- iv. A great lineup of general session speakers, which included - the history of LiDAR, Carpe Geo, the Arizona State Land Commissioner and State Cartographer, discussed the importance to this state of GIS and the work that we do, along with Gene Trobia and Jenna Leveille presented the history of AGIC and future directions and a retired Senior Cartographer at the U.S. National Park Service, presented cartographic techniques he used during his career.
- v. We anticipate an estimated revenue of about \$30,000.

VIII. NSGIC Travel Discussion

Since the NSGIC mid-year conference is coming in March we need to discuss sending AGIC members now so that funding can be made available for people to book their travel. Jenna thought that AGIC sends the chair and the vice-chair and in addition she feels that it would be valuable to send James Meyer and Gene Trobia because they are both integral to the work on the National Address Database which will be addressed at the conference. She would like to ask the board to send all four people and she opened it up for discussion and questions. James noted that it will be held in Albuquerque so it will be one of the less expensive conferences. Jenna mentioned that Gene is eligible to receive free registration to the conference because of his Lifetime Achievement Award. Kevin Blake stated that in the past we did not send the Vice-Chair to mid-year conferences. Shea stated that if she were to attend that her employer would pay for her attendance. Jim Meyer stated that his employer would pay for part of his travel and Steve Whitney stated that his employer would pay for part of his travel. Jenna stated that her employer pays for her to attend the conference. Shea motioned that AGIC provide partial travel funding for Steve Whitney (Chair), Gene Trobia, and James Meyer to attend the NSGIC mid-year conference, not to exceed \$5,000. Wes Korteum seconded the motion. The motion passed with all 'Aye' votes other than two abstentions (Gene Trobia and James Meyer).

IX. Professional Development Committee

Gene Trobia reported that at the AGIC conference there was a well-received presentation promoting Women in GIS and mentoring and many people spoke to him about their desire to see AGIC supporting some sort of mentoring. Jenna Leveille reported that people also discussed the need to support professional issues such as salary negotiations. Mark Christiano addressed developing geospatial professionals as necessary to build the future AGIC. Mark thinks that working with the three Arizona universities (current students and recent

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graduates) would be a good way to start developing relationships and future AGIC leaders. This development would support the people joining us by providing training and networking. Jenna asked to hear the Council thoughts. Ryan McClain asked about the structure of the new group. Jenna answered that it might be directly under the Council to make it more effective, as opposed to putting it under the Outreach Committee. Chris Lukinbeal suggested that there is value in having a Women in GIS group in Arizona along with an AGIC professional group. He thinks that getting at least one person at each University involved in this would be valuable. Shea stated that she thought that it should be expanded to community colleges as well as recent graduates. She felt that recent graduates (those we work with in our daily jobs) would be some of the best people to involve. Shea was also a little concerned that we already have a lot of committees and workgroups and we might be hard to sustain another group that sits right under the Council. Ryan McClain thought that a young professionals' network (that involves universities but more people as well) would be a strong option (with local meet ups and regional meet ups). James Meyer agreed that the young professionals' network is a good idea. He also thinks that a mentoring program would be an excellent option. Gene proposed that Mark, Jenna, Shea, and Chris reach out to the Esri young professionals' group and Women in GIS and see if we can build any synergy and then come back to the full Council to discuss our findings. Gene recommends bringing in young professionals into our research to see what they would want.

X. 2020 Council Meeting Dates & Leadership Workshop

Gene reported that the Council meets the first Thursday of February, May, August and November and asked if this schedule still works for Council members. The Council members said that it does. Gene then discussed making the February meeting an in-person meeting with leadership activities in the morning, lunch, and a Council meeting in the afternoon. Gene asked if the Council members would be willing to meet from 10:00 – 3:00 on that day and everyone was okay to meet. As part of the workshop we would include a review of the outcomes from the 2019 Leadership Retreat. Gene will work with Jenna to create a doodle poll to check specific dates in February. Jenna asked for people with suggestions on venues or subject matter to email her. We would like to have all Council members and committee chairs attend this meeting in person.

XI. AGIC Committee Reports: Facilitated by Steve Whitney

a. AZGeo Workgroup Report:

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- i. Ryan Johnson reported that they are moving along on implementation of the next AZGeo and in addition they have hired a Data Curator. The new implementation will be built on the ArcGIS Hub platform. ASLD is covering the cost of Hub as well as the migration of the data and users to the new platform. Based on this, ASLD is recommending that the \$15,000 that AGIC has encumbered to support AZGeo be removed from the AGIC budget. Lucas Murray motioned that we remove the \$15,000 currently encumbered in the AGIC budget for AZGeo and move it to available status. Gene Trobia seconded the motion. Motion approved unanimously.

b. Admin and Legal Committee:

- i. Lucas Murray reported that:
 - 1. Shea Lemar is the new co-chair for the Admin and Legal committee.
 - 2. The org chart has been updated to reflect the new co-chair for the Natural Resources workgroup.
 - 3. A new cadastral workgroup under the Data Committee is starting and will be added to the chart following their first meeting.
 - 4. The Admin and Legal committee is working with the SPCS 2022 committee to support the possible statutory changes related to the new datum and system.
- ii. Jenna reported that:
 - 1. The state is in the review process for the Council member submissions and we are waiting for the Boards and Commissions group to officially appoint everyone – which should happen within the next four to six weeks. Those that are up for renewal continue to serve until some action is taken.

c. Data Committee:

- i. **General Update:** Jenna Leveille reported that a new cadastral workgroup is being formed with a first meeting anticipated in December. This group is intended to provide guidelines for what reference grid is best to utilize at what scale. If anyone is interested in participating, please email Jenna. In addition, a joint workgroup between AZGeo and Data is being formed to develop an AZGeo

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Data Management Plan. They are still working on scheduling meeting dates. Finally, Jenna reported that the data committee is working on a process for streamlining data requests from state agencies to local governments. The goal is to minimize duplicative requests.

- ii. **DPS Map Data Request:** Steve Whitney reported that the DPS Map Data Request has gone out with a deadline to get data to Howard Ward of 11/8/19.
- iii. **NAIP:** Jenna reported that NAIP has been fully collected and we should have the files around January 2020 and ASLD will put out a service for people to consume or they can get the data from ASLD directly.
- iv. **3D Nation Survey/3DEP:** Drew Decker showed the map which shows LiDAR availability for the state (see addendum to minutes for copy of the map). He discussed 3D Nation and said that the USGS is in the process of the regional review so that states can see what neighboring states reported as mission critical activities.
- v. **UAS Workgroup Update:** Debby Crouse reported the UAS orthoimagery best practice guideline documentation has been completed and will be placed on the AGIC website. In addition, the workgroup is planning a lunch and learn meeting to help people learn about UAS.
- vi. **LiDAR Workgroup Update:** Jenna Leveille reported that the LiDAR sessions at the conference went very well. The draft Arizona Lidar Acquisition Plan is almost complete and is expected to be ready for workgroup approval at the next Lidar workgroup meeting on November. She discussed the 2020 goals of the workgroup and stated that the BAA first round of considerations starts November 8th.
- vii. **SPCS 2022 Workgroup Update:** Brian Fisher reported that the Federal Registry Notice (FRN) Re: U.S. Survey Foot has been released and he recommends that APLS and AGIC file a response letter. Since the letter was not emailed to Jenna early enough the letter could not be reviewed by the Council. To address this issue,

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Gene proposed that the board approve the AGIC Chair, Vice-Chair, and Past Chair, along with ASLD representatives and Jack Avis and Brian Fisher, and Admin and Legal Chairs to review the letter and, if they agree with the letter contents, then Gene will sign the letter (as the AGIC Chair). James Meyer made the motion to approve and Nicole Eiden seconded the motion. It passed unanimously.

- viii. **Natural Resources Workgroup Update:** Jeremy Johnson reported that the 2019 workplan was approved by the data committee at their October meeting. The plan included focusing on natural resource data and tools and increasing outreach through the AGIC conference and additional education events. Their meetings are quarterly and set for the second Thursday of each month.

d. 911 Committee:

- i. Brian Bond reported that the Last 9-1-1 Committee meeting was on October 24th.
- ii. The committee will be hosting an April 2020 mid-year workshop, in Phoenix, for GIS professionals or 9-1-1 System Administrators that must have 9-1-1 Work Flows (diagram for maintaining GIS data used in a 9-1-1 system).
- iii. The committee is working on a second annual GIS data request update to support the DPS dispatch map. This GIS data will be available to many state agencies to be able to use such as address points, road centerlines, and parcels.
- iv. Some members of the 9-1-1 Committee are working to present at an Association of Public-Safety Communications Officials-International (APCO) NENA conference in Glendale, AZ to Hands-on entry level GIS presentation that can related to non-GIS people in the 9-1-1 arena. If anyone interacts with any 9-1-1 professionals let them know about this presentation coming to the Glendale APCO/NENA conference in June 2020 to learn more about GIS.

e. Conference Committee:

- i. Steve Whitney reported on the 2020 conference. The committee is now focusing on next year's conference, which will be August 25-28 at the Prescott Resort. For the 2020 conference we will be shortening the lunch speakers to allow more time for networking,

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removing the Friday afternoon presentations and a variety of other changes. The committee is also continuing to reevaluate alternative locations due to size restrictions at the Prescott Resort.

f. Outreach Committee:

- i. Jenna Leveille reported that the outreach committee continues to keep the AGIC website current, with interesting and relevant AGIC News & GIS News articles as well as the AGIC social media platforms including Facebook and Instagram. The committee has recently created two new flyers for distribution and is planning many free training events for 2020. AGIC was represented at the ASU Career Navigator event and the committee would like to thank all AGIC Council members and committee members who attended.
- ii. AGOL Student Map Competition Update: There were no participants in the 2019 competition. The committee hopes to change this for 2020. Esri contributed the \$1,000 that would have been awarded to the promotion efforts for next year. Suggestions have been made to expand our outreach for this contest to possibly include Scouting organizations, STEM schools, and private charter schools.
- iii. A goal for our 2020 Work Plan is to create a standard PowerPoint presentation about AGIC & AZGeo, which any AGIC members can use to present to interested communities to expand the reach of AGIC, explaining what AGIC is, resources available, etc. We will be starting an outline for this PowerPoint at the November committee meeting and welcome any comments or input.

XII. Comments and requests for discussion items or topics for future meetings:

Gene Trobia opened the floor for discussion items for future meetings. The next meeting is scheduled for February 6, 2020, in the afternoon unless otherwise determined by polling the Council members and committee chairs. The location is to be determined.

XIII. Call to the public:

Gene made a call to the public and there were no responses.

XIV. Adjourn:

Gene Trobia adjourned the meeting at 12:16 PM.